

# Asia Agro Tech Co., Ltd.

---

## Company Profile

“We are what they eat”





# Factory and Building





# Production Facilities





# Factory and Building





# Background



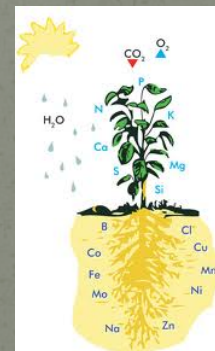
- Found in 1998
- Locating in Ayuddhaya, 70 km. to Bangkok Port
- Total area 2.88 acres with 4000 sqm. factory building
- BOI privileges promoted company
- ISO9001:2008 Certified
- IFOAM Standard Certified
- Production Capacity of 100 MT/shift or 300 MT/day

# Vision 2019

To provide the optimum solutions that meet the expectations of the farmers, the entrepreneurs, the consumers and preserve the environment.

## Mission

To protect and improve the quality of foods while satisfying the needs of all concerns



“We are what they eat”



# International Standard and Recognition



ISO9001:2008



IFOAM



**International Federation of Organic Agriculture Movements**



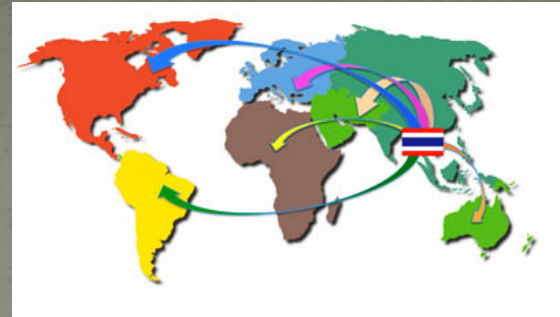
# Certification Alliance



**International Federation of Organic Agriculture Movements**



# Markets



## Domestic Markets

- Dealers
- Food related industries
- Contracted farmers
- Co-operatives
- Government biddings

## Export Markets

- Indonesia
- Ghana, Korea
- Cambodia, Vietnam
- Pakistan
- Malaysia, Philippines
- Brunei
- Nepal
- Mauritius
- Maldives



# New Export Potentials



Telluris Medin from Croatia



Nagase from Japan



Bridgestone plantation in Indonesia



Ministry of Agriculture from Nepal



# Business Potentials



Potential Factory construction in Sudan



Supreme Country from Australia



Renovating the production line  
for other factories



# Standard Product Specification

Features	Control Value
Nitrogen (N)	Approx. 1-2%
Phosphorus (P)	Approx. 1-2%
Potassium (K)	Approx. 1-2%
Organic matter	15-20%
Shape and Size (diameter)	Granule, 2 – 5 mm.
Moisture	Less than 20%
pH	Between 5.5 – 7.5
Heavy metal	Compliance with IFOAM standard



Granular Shape



Note: 1. Nutrition varies subject to raw materials used

2. The amount of the above N is derived from Eucalyptus peat and Filter cake (sugarcane)

3. Different proportion of N:P:K can be produced by changing raw materials and quantity.



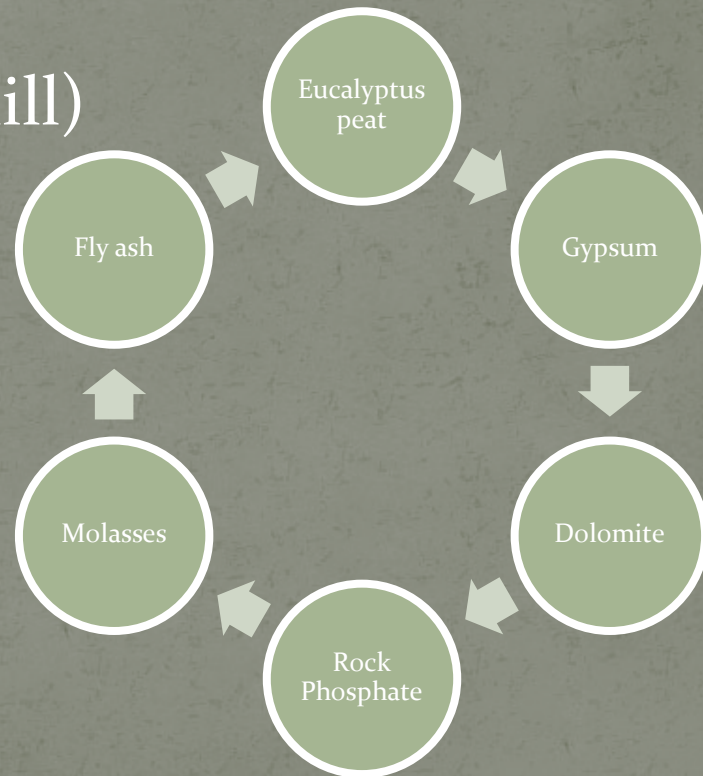
# IFOAM Standard

Heavy Metals	Control Value (ppm)
Arsenic	15
Cadmium	20
Chromium	1,000
Copper	400
Lead	250
Mercury	2
Nickel	100
Zinc	1,000



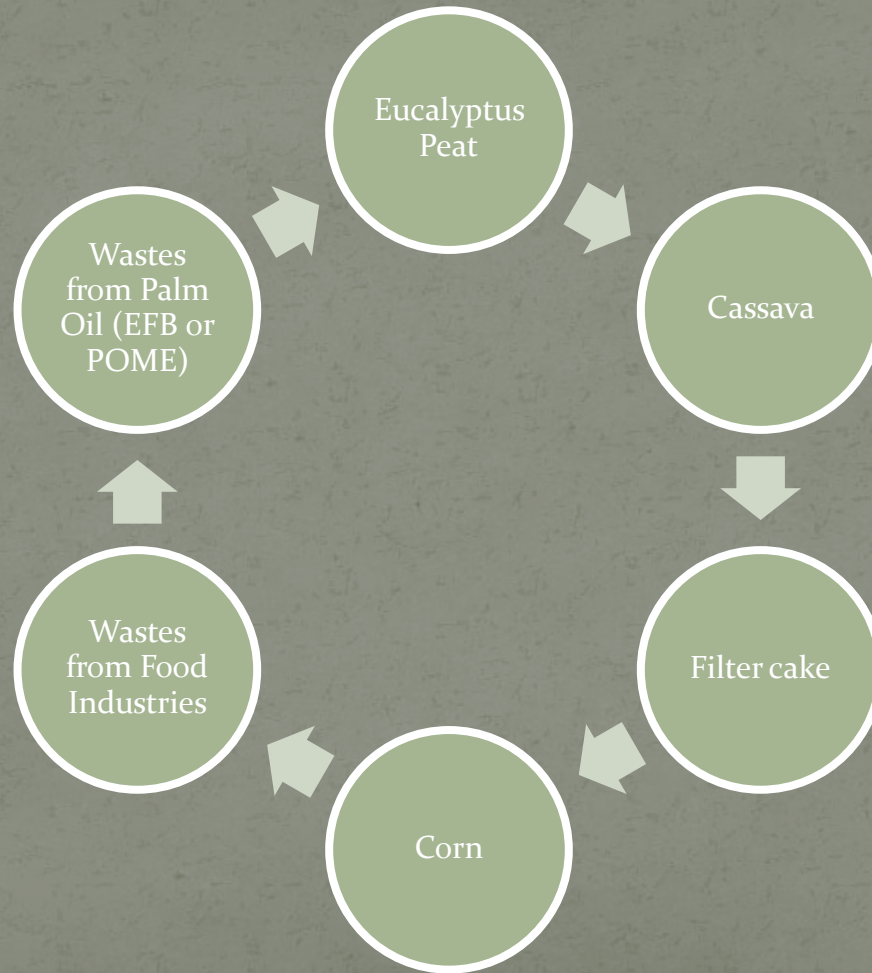
# Sample of raw materials

- Eucalyptus peat
- Filter cake (sugarcane mill)
- Gypsum
- Dolomite
- Rock phosphate
- Molasses
- Fly ash





# Potential Raw Materials Substitutes





# Production Process



Production capacity = 100 MT/shift



# Why organic agriculture?

- Higher nutrition over non-organic agriculture
- No pesticide residues hazardous
- Better taste and texture
- Build up soil organic matter and fertility
- Improve ecological system
- No environmental pollution



# Why from Thailand?

Abundance of raw materials

- Major crops

- ✓ Paddy

- ✓ Maize

- ✓ Sugarcane



- ✓ Oil Palm and Rubber Tree

- Climate – hot and humid – easy to ferment/compost

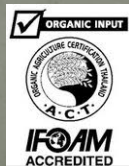
- Labor intensive





# Why from Asia Agro Tech

- Certified organic fertilizer from IFOAM
- Member of Thai Commercial Bio-Organic Fertilizer Association
- Access to resources and availability
- Solid background of export markets





# Macro and Micro Nutrients for Plants

## Macro Nutrients

---

- Nitrogen
- Phosphorus
- Potassium
- Calcium
- Magnesium
- Sulphur

## Micro Nutrients

---

- Iron
- Manganese
- Boron
- Molybdenum
- Copper
- Zinc
- Chlorine



# Nutrition Impact to Plants

[illegible]